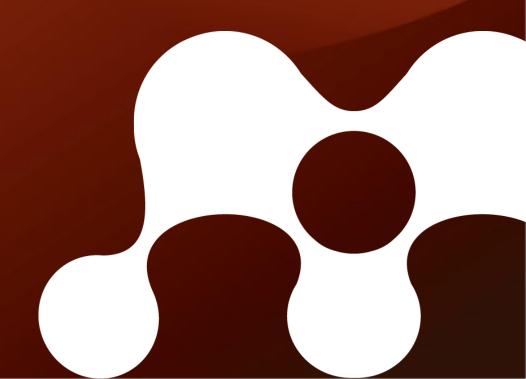
Mendeley Open science driven by researchers

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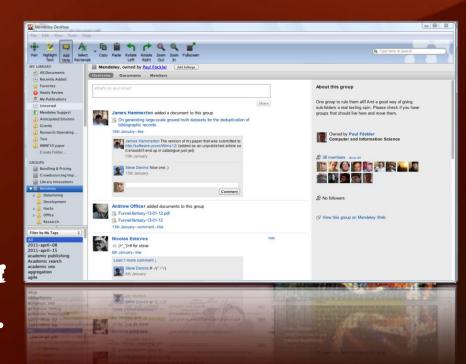
Jan Reichelt Co-Founder







..lekhenskehnylekitscausstdiatier andræktentolfaitenskepters,...



..and aggregates everything in the cloud



...share and discuss their research in groups, ..



Recalling Mixed Emotions

JENNIFER AAKER AIMEE DROLET DALE GRIFFIN*

In two longitudinal experiments, conducted both in the field and lab, we investigated the recollection of mixed emotions. Results demonstrated that the intensity of mixed emotions is generally underestimated at the time of recall—an effect that increases over time and does not occur to the same degree with unipolar emotions. Of note, the decline in memory of mixed emotions is distinct from the pattern found for memory of negative emotions, implying that the recall bias is diagnostic of the complexity of mixed emotions rather than of any association with negative affect. Finally, the memory decay effect was driven by the felt conflict aroused by the experience of mixed emotions.

I magine you are at Disneyland about to board the Space Mountain ride. As you climb into your rocket, you feel joy and apprehension—a mixed feeling that persists even after the ride is over. You grip the safety bar, at once thrilled (the music is pumping, the lights are pulsing) and frightened (a semirational fear: people have been thrown from their rockets before). You leave the Space Mountain ride dizzy with mixed emotions. How will you recall your experience a week later? Will you remember the mixed emotions experienced on the ride? Or will the memory of those mixed emotions fade?

Indeed, many of life's most important events are defined by a mix of emotions—both positive and negative. Consider graduation from college ("I'm making progress, but leaving my friends and family"), moving ("I'm starting a new life, but losing my old one"), or achieving major life goals ("I'm thrilled to have reached the destination, but am sad the journey is over"). Increasingly, researchers have begun to explore the nature of these mixed emotional experiences. One stream of research has examined whether people can feel positive and negative emotions simultaneously. This research suggests that mixed emotions can be experienced jointly (e.g., Andrade and Cohen 2007; Larsen et al. 2004; Priester and Petty 1996; Thompson, Zanna, and Griffin 1995), particularly during periods of transition (e.g., moving out of a college dorm) and when exposed to specific stimuli (e.g., watching the film *Life Is Beautiful*; Larsen, McGraw,

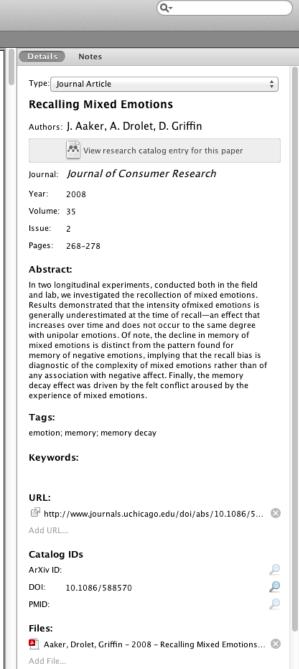
You O
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Life events as mixed emotions

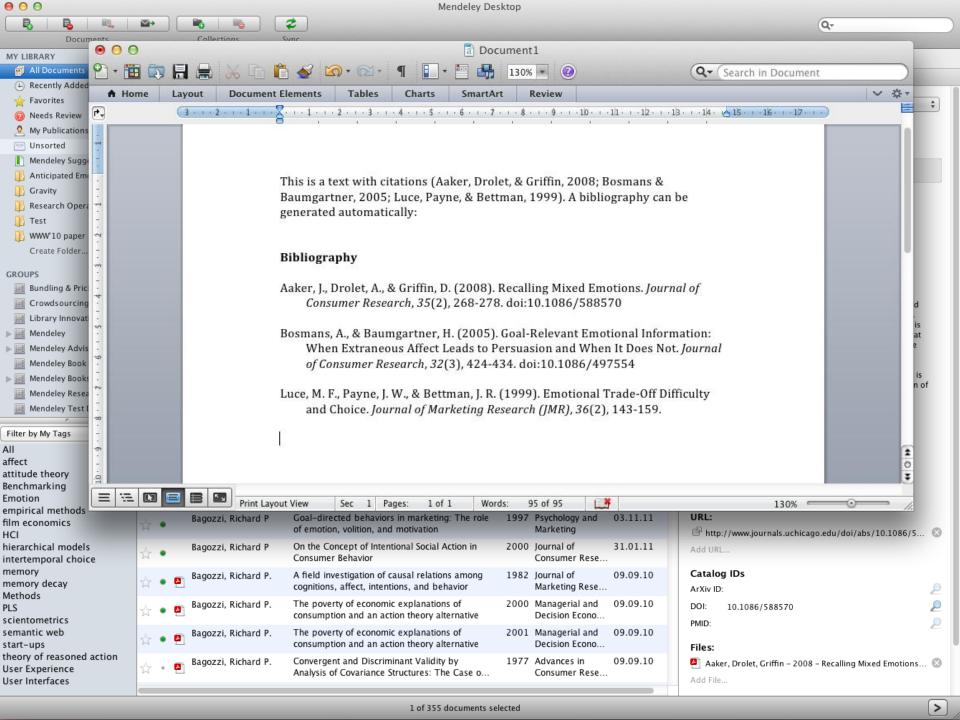
lored when people are e.g., Fong and Tiedens iams and Aaker 2002). ckground, chronic inactors can all moderate are felt. For example, Buddhist philosophies ixed emotions relative mment and Christianity

rch has addressed the ., emotional states de-

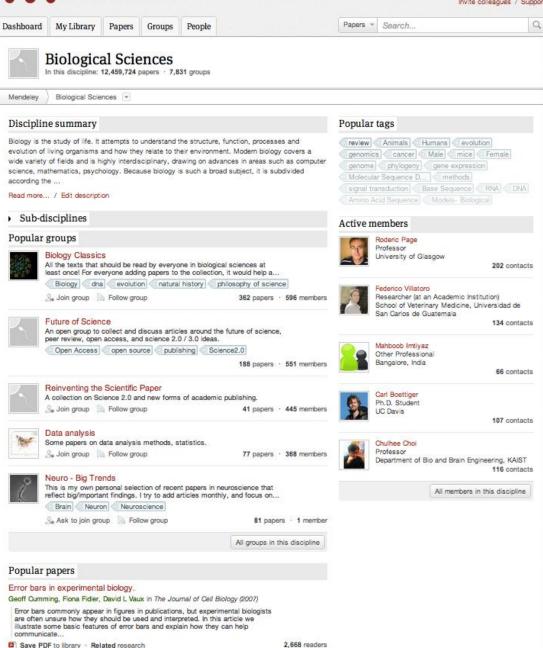
fined by both positive and negative emotions) are recalled, leaving unanswered many foundational questions regarding



^{*}Jennifer Aaker is the General Atlantic Professor of Marketing at Stanford University, Graduate School of Business, 518 Memorial Way, Stanford, CA 94395 (aaker@gsb.stanford.edu). Aimee Drolet is associate pro-

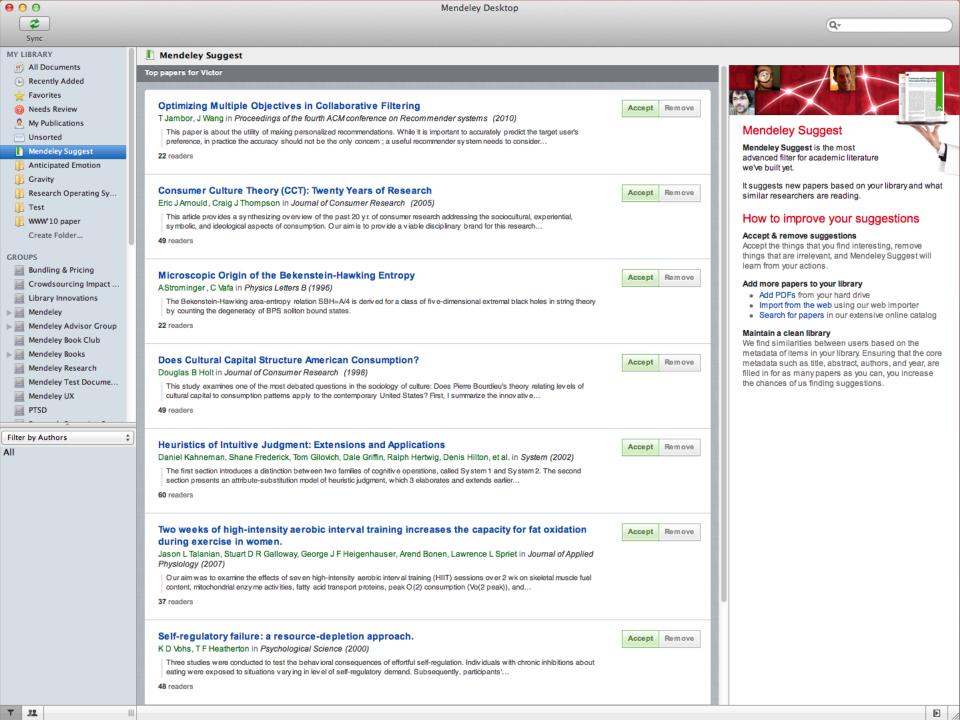


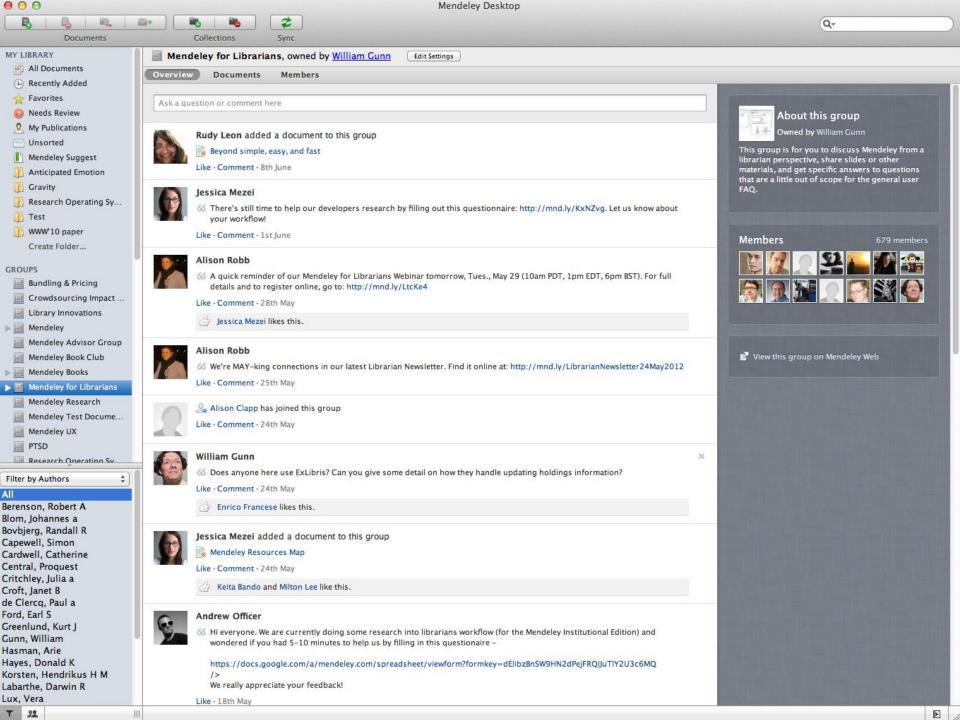
Invite colleagues / Support



How to choose a good scientific problem.

Uri Alon in Molecular Cell (2009)





User love





Kristina Britt



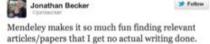


I cannot believe how easy #mendeley for reference mngmt is, took me 5 min to install, import and organize over 500 references from #sente6



Joanne Wong





reminded once again why I love @mendeley_com.





Mendeley that article". Makes sense to me.

switched my research group over to

with how easy it is to use and share. :)



I sincerely can't recall how life was before #Mendeley. #OrganizingMadeEasier



All those folks who follow me at academia.com...try

Mendeley instead. #betterUXwins

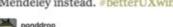
Mendeley is the most amazing thing ever.

How could I have been using Endnote when Mendeley was available for free? I feel like I just Josef Brůna walked out of the academic dark ages.

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You have no idea how happy I am about the Kindle/Mendeley sync thing, #totallymademyday



@walkyouhome I <3 Mendeley.. That and LaTeX have made my PhD go so much more smoothly.. 2 Big things I no longer have to worry about!



Adina Maxfield Lav

Evan Bianco



I strongly believe that Mendeley can change the face of science http://bit.ly /lLhf6 (f @mendeley com)





NHS Radiologist

back to science

"@jmaddoxjohnson: Be still my heart. #Mendeley is an academic's dream." my sentiments exactly.

Alan Carbery

Dear Mendeley Desistop: How did I not use you

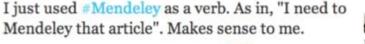


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rfore? Love, Organized-Type-A-Person-Who-



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Tomé Duarte Otomeduarte

#jdp8 Brian, Mendeley has totally saved me!!!!!

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Today

Social Layer

Metadata

Content

Mendeley, ...?

Publishers, service providers, ...

Publishers

Tomorrow?

Content

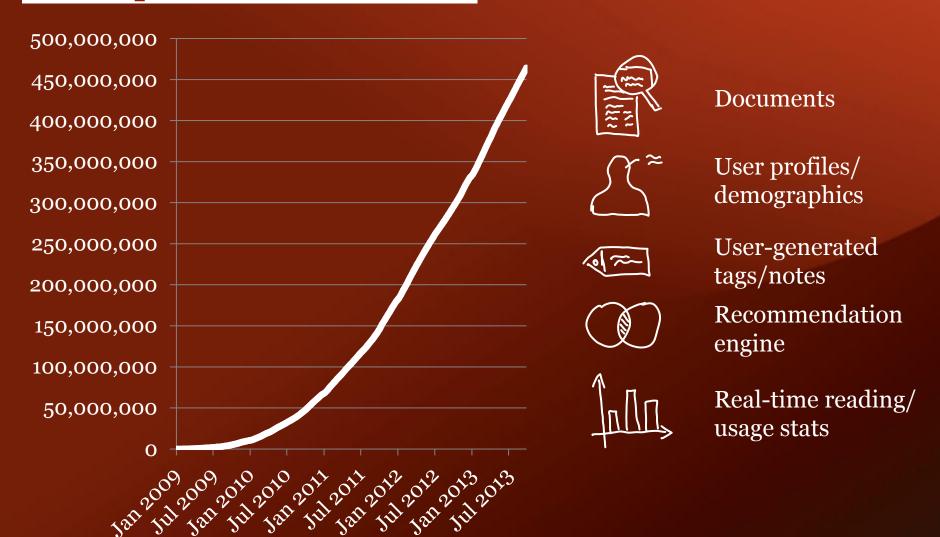
Metadata

Social Layer

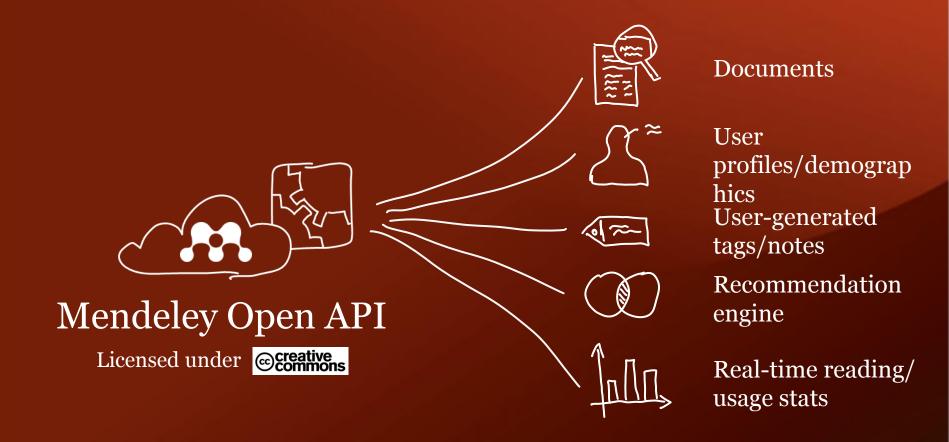
Facebook, Twitter,
Youtube, Pinterest...

Creating and sharing "stuff" as a result.

A crowdsourced research database with 500 million user-uploaded documents:



We're turning our database into an app platform:

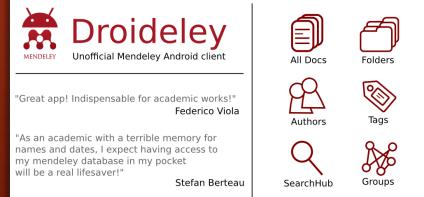


300 third-party apps built on the Mendeley API results, find the latest primary literature on Watts (1999) 38 their variations and help scientists to find Watts (2002) 38 1/11/11/11/11/11/14/14/14 Most read publication: [show all] Duncan J Watts's coauthors Total number of publications: Luis A N AMARAL Albert-Laszlo BARABASI Munmun De CHOUDHURY FrÄEDÄEric DALSACE. Coralie DAMAY. Munmun DE CHOUDHURY Total bookmarks: 1185 David DUBOIS Robert G ECCLES Karen FRASER Rashi GLAZER For Genotyping Users For Scientists [what's this?] Yoshito HORI Harry HUTSON Yoko ISHIKURA Gueorgi KOSSINETS KOSSINETS Phillip LONGMAN R Dean MALMGREN Michael C MANKINS Winter A MASON Winter MASON Daniel C MEDINA Roby MUHAMAD M E J NEWMAN Mark NEWMAN Mark E J NEWMAN David M PENNOCK HTML: http://readermeter.org/Watts.Duncan_J Barbara PERRY Alexander PETERHANSL Daniel M REEVES Share Your Phenotypes & JSON: http://readermeter.org/Watts.Duncan_J/json Upload Your Share your stories on Find literature on genetic nomic RESEARCH Charles F SABEL Matthew J SALGANIK Genotyping File variations & phenotypes variation Michael SCHRAGE Linda STONE Steven H STROGATZ Powered by MENDELEY Reven H. STROGATZ SH STROGATZ Siddharth SURI Eric VON HIPPEL Liv WATSON Geoffrey B WEST Mike WILLIS Duncan J Watts's alternate spelling C fi www.kleenk.com/explor 57 Z penSNP gets the phenotypes, characteristics and the genotyping rawshare your stories on your latest open access journal traits with other openSNP users genetic variations & phenotypes articles on genetic variations via data you got from with others. Discover the stories 23andMe or and find others with similar the Public Library of Science. Home Scientific Content Kleenks Expl deCODEme to the characteristics of other users Additionally popular articles are And maybe help scientists to Find others to exchange Formal MASQ Edit information to make if available for everybody associations ScienceCard A formal approach to MASQ (Extende Simulation of intermediation using rich Sign out Signed in as Victor @ Mendele Virginia Dignum, John Tranier, Frank Cameron Neylon N 25'36 0" / W 2'25 0 Open Science, Open Access, and bringing more experimental techniques to the biosciences. I work for the UK STFC but tweets are (S) SCHOLARLEY my personal opinion 3646847 Marcel Hiel, Hulb Aldewereld, Frank Altmetrics MENDELEY 61 **S** SCHOLARLEY Citations for Organizational Interaction: MENDELEY raining by this author have been nited by adverg PLASMID.IC Academic Scopus **PaperCritic** Request Plasmid 120 Send PDF by Email 15 Articles Send FASTA by Email Applying neutral drift to the directed molecular evolution of a easuring the evolutionary rate of protein-protein interaction -glucuronidase into a ?-galactosidase: Two different Upload PDF to Mendeley evolutionary pathways lead to the same variant nfeng Qian, Xionglei He, Edwin Chan, Huaillang Xu, Jianzhi Zhang hed in Proceedings of the National Academy of Sciences of the United States of America (Vo Fdit Plasmid Stitching science together Naylon C. Natura. 2009:461 (7266);\$81-881 http://doi.org/dtz GGATACCCTA AACAAGAATG CCTAATAGAA AGGAGGAAAA AGGCTATAGC ACTAGAGCTT function evolution is virtually unknown, especially at the genomic scale. This lack of knowled in and the consequent difficulty in gauging and comparing rates of protein function evolution Funding ban could break careers at the toss of a coir Unofficial Mendeley Android clien Folders Neylon C. Nature. 2009:459 (7247);641-641 http://doi.org/dvz ing with other proteins, and protein-protein interaction (PPI) can be tested by standard assay ed by the rate of PPI evolution. Here, we experimentally examine 87 potential interactions bet TGGCAAAGGG GTACAGTTAT TGTGTACTAA Head in the clouds: Re-imagining the experimental ologs in the related budding yeast Saccharomyces cerevisiae have been reported to intera-ATCG res, we estimate that the evolutionary rate of protein interaction is (2.6 1.6) 10(-10) per PPI per of protein sequence evolution measured by the number of amino acid substitutions per prot laboratory record for the web-based networked world Neylon C. 200911 (1)13 lar function may account for the remarkable conservation of life at molecular and cellular le-ALREADY LIVE DO NOT PUBLISH Data on display "Great app! Indispensable for academic work n with your Mendeley account to post a review! Bradley J. Neylon C. Nature. 2008:455 (7231):273-273 http://doi.org/dsz Federico V Small angle neutron and X-ray scattering in structural biology: recent examples from the literature Naylon C. European Biophysics Journal 2008;37 (g):533-541 http://doi.org/d26 Authors should have discussed a whole genome duplication Giovanni Dall'Olio · 8 hours ago · Recommended: Yes · Difficulty level: Intermediate · Reviewe "As an academic with a terrible memory for Diffractive Micro Bar Codes for Encoding of Biomolecules in is paper provides an estimate of the rate of protein-protein interaction gain or loss between tw Multiplexed Assays names and dates, I expect having access to problem is that the authors did not discuss the fact that a genome-duplication event occurre Aruntipierken ASSAYS, Broder G, Ranasinghe R, She J, Banu S, Birtwell S, Cavalli G, et al. Analytical Chemistry. 2008:50 (6):1902-1909 invalidate their conclusions about the overall PPI loss/gain rate of 2.6 1.6) 10(-10) per PPI per year enome-wide duplication would be inclined to think that this rate can be compared to other my mendeley database in my pocket irt from this point, I liked the paper and I think it is a very good experiment. The authors did an im Open Science: Tools, approaches, and implications will be a real lifesaver!" Wa S, Neylon C, Nature Precedings, 2008 http://doi.org/d.ej Stefan Berteau SearchHub Groups erences **** Originality **** Argumentation **** Read Multistep Synthesis on SU-8: Combining Microfabrication and Solid-Phase Chemistry on a Single Material Cavali G, Rano S, Ranazinghe R, Broder G, Martins H, Neylon C, et al. Journal of

mistry, 2007:0 (1):462-472

Sharing Mendeley libraries with third-party clients







Sharing Mendeley readership statistics with altmetrics tools



Home Plans & Pricing

Altmetric Explorer

Services for Publishers

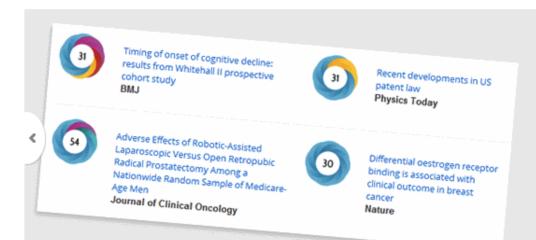
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Li, X., Thelwall, M., & Giustini, D. (2011). Validating online reference managers for scholarly impact measurement. *Scientometrics*.

- Sample: 1,613 articles published in *Nature* and *Science* in 2007
- Data collection took place in July 2010
- Mendeley covered 93.8% of *Nature* articles and 92.8% of *Science* articles

Table 4 Spearman correlations for Nature articles (* statistically significant at the 5% level,	** statistically
significant at the 1% level, $n = 793$)	

	WoS_citations	GS_citations	CiteULike	Mendeley
WoS_citations	1	0.957**	0.366**	0.559**
GS_citations		1	0.396**	0.592**
CiteULike			1	Union
Mendeley				1

Table 5 Spearman correlations for Science articles (* statistically significant at the 5% level, ** statistically significant at the 1% level, n = 820)

	WoS_citations	GS_citations	CiteULike	Mendeley
WoS_citations	1	0.931**	0.304**	0.540**
GS_citations		1	0.381**	0.603**
CiteULike			1	Untow
Mendeley				1

Correlations between Mendeley readership data and Web of Science / Google Scholar citation counts: .540** to .603**



Li, X., & Thelwall, M. (2012). F1000, Mendeley and Traditional Bibliometric Indicators. 17th International Conference on Science and Technology Indicators (Vol. 3, pp. 1–11).

- Sample: 1,397 articles published in 172 different journals in 2008
- Data collection took place in January 2012
- Mendeley covered 99.5% of articles

Table 3 Spearman correlations for all and all non-anomalous Genomics & Genetics articles (* = statistically significant at the 5% level, ** = statistically significant at the 1% level, upper n = 1397, lower n = 1245).

	FFa	Evaluators	WoS	GS	Scopus	Mendeley	CiteULike	JIF
FFa		.609**	.295**	.290**	.293**	.309**	.127**	.359**
Evaluators	.622**		.251**	.241**	.249**		.093**	.350**
WoS	.303**	.267**		.985**	.992*	.686**	.345**	.577**
GS	.295**	.253**	.987**		.987*	.694**	.377**	.555**
Scopus	.300**	.265**	.993**	.987**		.682**	.346**	.572**
Mendeley	.310**	.288**	.785**	.782**	.779**		.586**	.521**
CiteULike	.127**	.081**	.416**	.436**	.413**	.561**		.121**
JIF	.369**	.353**	.583**	.562**	.578**	.558**	.146**	

Table 4 Spearman correlations for anomalous Genomics & Genetics articles (* = statistically significant at the 5% level, ** = statistically significant at the 1% level, upper n = 72, lower n = 80).

	FFa	Evaluators	WoS	GS	Scopus	Mendeley	CiteULike	JIF
FFa		.367**	.255*	.240*	.240*	246*	.186	.248*
Evaluators	.527**		.227	.211	.224	.200	157	.257*
WoS	.294**	.242*		.991**	.993**	.934**	.213	.689**
GS	.316**	.264*	.921**		.992*	.931**	242	.701**
Scopus	.292**	.238*	.935**	.975**		.930**	231	.697**
Mendeley	.328**	.316**	.856**	.805**	.787**		.234	.649**
CiteULike	.095	.160	.407**	.409**	.355**	.652		.519*
JIF	.212	.307**	.418**	.349**	.408**	.355**	067	

Correlations between
Mendeley readership data
and Web of Science / Scopus
/ Google Scholar citation
counts:

- .682** to .694** for the entire sample
- .930** to .934** for extremely highly-cited and frequently-read articles



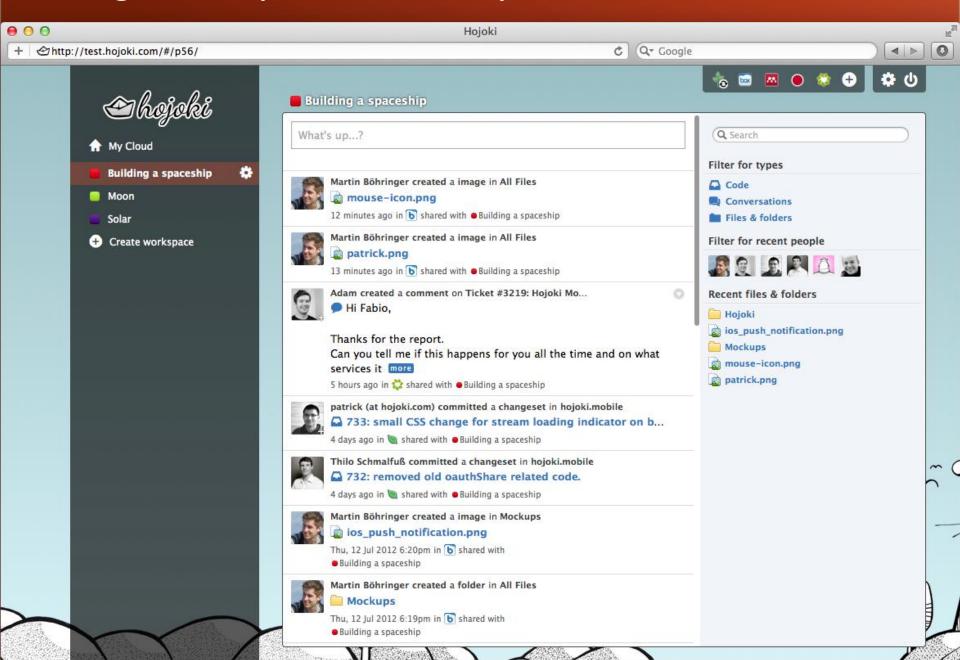
Bar-Ilan, J. (2012). JASIST@mendeley. *ACM Web Science Conference 2012 Workshop*. Evanston, IL. http://altmetrics.org/altmetrics12/bar-ilan/

- Sample: 1,637 articles published in the Journal of the American Society for Information Science and Technology (JASIST) from 2001-2011
- Data collection took place in April 2012
- Mendeley covered 97.2% of articles

Correlation table:

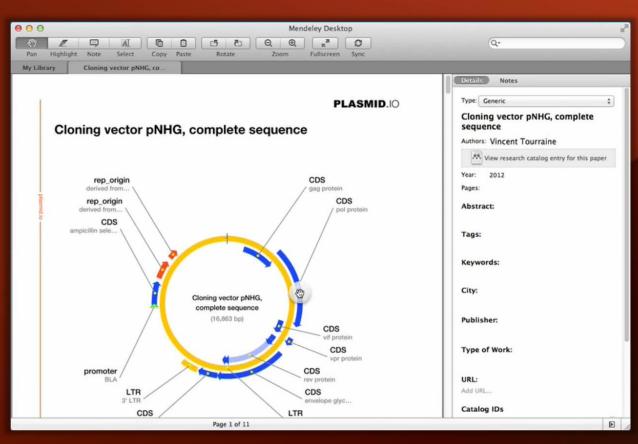
Spearman correlations	Mendeley readers
Web of Science citations	.458**
Scopus citations	.502**
Google Scholar citations	.519**

Sharing Mendeley research activity with other collaboration tools



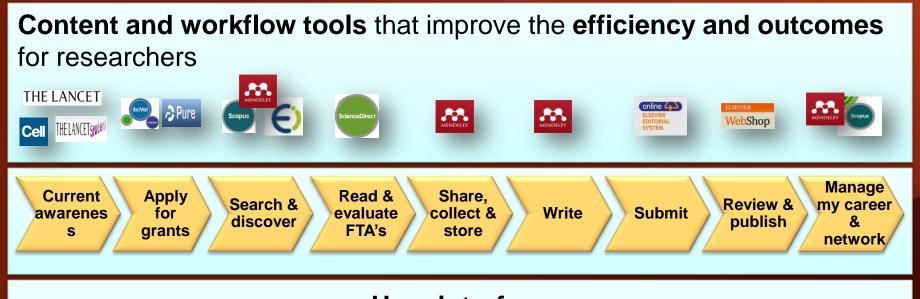
Letting any tool share data with Mendeley users







Elsevier and Mendeley coming together



User interface Content "back-end" Social "back-end"

Combining content and data with technology is incredibly powerful!

For our users:

Free storage upgrades



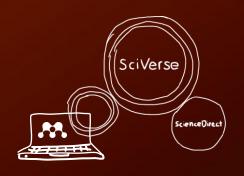


Increased collaboration limits

(initially just for Mendeley Advisors)

New iOS app with annotations & highlights





Integration with ScienceDirect/Scopus



- Solve meaningful problems for our users
- Combine content with technology
- Create an awesome user experience





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